

## EAST Search History

| Ref # | Hits | Search Query  | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------|------------------|---------|------------------|
| L1    | 1    | ((portable power) (battery pack) (secondary battery) (mount\$3 part) (charge circuit) (charge terminal) (discharge circuit) (discharge terminal)(control circuit) (control\$4 voltage) (current) (protrud\$3) (external terminal) (insert\$3 part) (conceal\$2 or hidden) (movable) (fix\$3 position)).clm. | US-PGPUB; USPAT        | AND              | ON      | 2007/01/18 12:11 |
| L9    | 1    | ((portable power) (battery pack) (secondary battery) (mount\$3 part) (charge circuit) (control circuit) ).clm.  | US-PGPUB; USPAT        | AND              | ON      | 2007/01/18 12:18 |
| L11   | 7    | ((portable power) (battery pack) (secondary battery) (charge circuit) (control circuit) ).clm.  | US-PGPUB; USPAT        | AND              | ON      | 2007/01/18 12:19 |
| L16   | 647  | 320/101   | US-PGPUB; USPAT        | AND              | ON      | 2007/01/18 12:23 |
| L17   | 302  | 320/152   | US-PGPUB; USPAT        | AND              | ON      | 2007/01/18 12:23 |
| L18   | 4    | L16 and (battery pack) and (slide and rotat\$3)   | US-PGPUB; USPAT        | WITH             | ON      | 2007/01/18 12:23 |
| L20   | 3    | "320"/\$.ccls. and (battery pack) and (secondary battery) and (mount\$3 part) and (slide and rotat\$3)  | US-PGPUB; USPAT        | WITH             | ON      | 2007/01/18 12:23 |
| L21   | 3    | "320"/\$.ccls. and (battery pack) and (terminal protect\$3) and (mount\$3 part) and (slide and rotat\$3)  | US-PGPUB; USPAT        | WITH             | ON      | 2007/01/18 12:23 |
| L22   | 2    | ("6027535"   "6337558").PN.   | US-PGPUB; USPAT; USOCR | AND              | ON      | 2007/01/18 12:23 |
| L23   | 2    | ("6027535"   "6337558").PN.   | US-PGPUB; USPAT; USOCR | AND              | ON      | 2007/01/18 12:23 |
| L25   | 8    | ("4945448"   "5111362"   "5162719"   "5233281"   "5245266"   "5256955"   "5262710"   "5515240").PN.   | US-PGPUB; USPAT; USOCR | AND              | ON      | 2007/01/18 12:23 |
| L28   | 2    | ("6027535"   "6337558").PN.   | US-PGPUB; USPAT; USOCR | AND              | ON      | 2007/01/18 12:23 |
| L29   | 647  | 320/101   | US-PGPUB; USPAT        | AND              | ON      | 2007/01/18 12:23 |

## EAST Search History

|     |     |   |                              |      |    |                  |
|-----|-----|---|------------------------------|------|----|------------------|
| L30 | 4   | L29 and (battery pack) and (slide and rotat\$3)   | US-PGPUB;<br>USPAT           | WITH | ON | 2007/01/18 12:23 |
| L31 | 2   | ("6027535"   "6337558").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L32 | 3   | "320"/\$.ccls. and (battery pack) and (terminal protect\$3) and (mount\$3 part) and (slide and rotat\$3)  | US-PGPUB;<br>USPAT           | WITH | ON | 2007/01/18 12:23 |
| L33 | 3   | "320"/\$.ccls. and (battery pack) and (secondary battery) and (mount\$3 part) and (slide and rotat\$3)  | US-PGPUB;<br>USPAT           | WITH | ON | 2007/01/18 12:23 |
| L37 | 24  | ("1559930"   "2701332"   "3809882"   "3999110"   "4249234"   "4463283"   "4843298"   "4963798"   "5081568"   "5142458"   "5225760"   "5359779"   "5629105"   "5707137"   "5746495"   "5871272"   "5903132"   "6002236"   "6018227"   "6054839"   "6236187"   "6316911").PN. | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L40 | 8   | ("4945448"   "5111362"   "5162719"   "5233281"   "5245266"   "5256955"   "5262710"   "5515240").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L43 | 302 | 320/152   | US-PGPUB;<br>USPAT           | AND  | ON | 2007/01/18 12:23 |
| L45 | 647 | 320/101   | US-PGPUB;<br>USPAT           | AND  | ON | 2007/01/18 12:23 |
| L46 | 4   | L45 and (battery pack) and (slide and rotat\$3)   | US-PGPUB;<br>USPAT           | WITH | ON | 2007/01/18 12:23 |
| L47 | 2   | ("6027535"   "6337558").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L48 | 302 | 320/152   | US-PGPUB;<br>USPAT           | AND  | ON | 2007/01/18 12:23 |
| L49 | 337 | 429/65  | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L50 | 9   | L49 and (battery pack) and (slid\$3) and (insert\$3)  | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L51 | 2   | ("6027535"   "6337558").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |

## EAST Search History

|     |      |   |                              |      |    |                  |
|-----|------|---|------------------------------|------|----|------------------|
| L53 | 3    | "320"/\$.ccls. and (battery pack) and (terminal protect\$3) and (mount\$3 part) and (slide and rotat\$3)  | US-PGPUB;<br>USPAT           | WITH | ON | 2007/01/18 12:23 |
| L54 | 24   | ("1559930"   "2701332"   "3809882"   "3999110"   "4249234"   "4463283"   "4843298"   "4963798"   "5081568"   "5142458"   "5225760"   "5359779"   "5629105"   "5707137"   "5746495"   "5871272"   "5903132"   "6002236"   "6018227"   "6054839"   "6236187"   "6316911").PN. | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L57 | 647  | 320/101   | US-PGPUB;<br>USPAT           | AND  | ON | 2007/01/18 12:23 |
| L59 | 24   | ("1559930"   "2701332"   "3809882"   "3999110"   "4249234"   "4463283"   "4843298"   "4963798"   "5081568"   "5142458"   "5225760"   "5359779"   "5629105"   "5707137"   "5746495"   "5871272"   "5903132"   "6002236"   "6018227"   "6054839"   "6236187"   "6316911").PN. | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L61 | 75   | L49 and (battery pack)  | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L63 | 1363 | 429/99  | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L65 | 2    | ("6027535"   "6337558").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L67 | 3    | "320"/\$.ccls. and (battery pack) and (terminal protect\$3) and (mount\$3 part) and (slide and rotat\$3)  | US-PGPUB;<br>USPAT           | WITH | ON | 2007/01/18 12:23 |
| L72 | 618  | 429/123   | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L73 | 8    | ("4945448"   "5111362"   "5162719"   "5233281"   "5245266"   "5256955"   "5262710"   "5515240").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L74 | 3    | "320"/\$.ccls. and (battery pack) and (secondary battery) and (mount\$3 part) and (slide and rotat\$3)  | US-PGPUB;<br>USPAT           | WITH | ON | 2007/01/18 12:23 |

## EAST Search History

|     |      |   |                              |      |    |                  |
|-----|------|---|------------------------------|------|----|------------------|
| L75 | 302  | 320/152   | US-PGPUB;<br>USPAT           | AND  | ON | 2007/01/18 12:23 |
| L76 | 8    | ("4945448"   "5111362"  <br>"5162719"   "5233281"   "5245266"<br>  "5256955"   "5262710"  <br>"5515240").PN.      | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L77 | 2    | ("6027535"   "6337558").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L80 | 4    | L57 and (battery pack) and (slide<br>and rotat\$3)  | US-PGPUB;<br>USPAT           | WITH | ON | 2007/01/18 12:23 |
| L82 | 302  | 320/152   | US-PGPUB;<br>USPAT           | AND  | ON | 2007/01/18 12:23 |
| L83 | 2    | ("6027535"   "6337558").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L85 | 3    | "320"/\$.ccls. and (battery pack)<br>and (terminal protect\$3) and<br>(mount\$3 part) and (slide and<br>rotat\$3) | US-PGPUB;<br>USPAT           | WITH | ON | 2007/01/18 12:23 |
| L88 | 337  | 429/65  | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L89 | 9    | L88 and (battery pack) and (slid\$3)<br>and (insert\$3)   | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L91 | 75   | L88 and (battery pack)  | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L92 | 3    | "320"/\$.ccls. and (battery pack)<br>and (terminal protect\$3) and<br>(mount\$3 part) and (slide and<br>rotat\$3) | US-PGPUB;<br>USPAT           | WITH | ON | 2007/01/18 12:23 |
| L93 | 2    | ("6027535"   "6337558").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L95 | 1363 | 429/99  | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L96 | 618  | 429/123   | US-PGPUB;<br>USPAT;<br>USOCR | AND  | ON | 2007/01/18 12:23 |
| L98 | 3    | "320"/\$.ccls. and (battery pack)<br>and (secondary battery) and<br>(mount\$3 part) and (slide and<br>rotat\$3)   | US-PGPUB;<br>USPAT           | WITH | ON | 2007/01/18 12:23 |

## EAST Search History

|      |      |  |  |      |    |                  |
|------|------|--|--|------|----|------------------|
| L99  | 647  | 320/101  | US-PGPUB;<br>USPAT   | AND  | ON | 2007/01/18 12:23 |
| L107 | 302  | 320/152  | US-PGPUB;<br>USPAT   | AND  | ON | 2007/01/18 12:23 |
| L109 | 1168 | 429/96   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2007/01/18 12:23 |
| L110 | 3    | "320"/\$.ccls. and (battery pack) and (secondary battery) and (mount\$3 part) and (slide and rotat\$3) | US-PGPUB;<br>USPAT   | WITH | ON | 2007/01/18 12:23 |
| L111 | 4    | L88 and (battery pack) and (initial position) and (insert\$3 direction)                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2007/01/18 12:23 |
| L114 | 4    | L99 and (battery pack) and (slide and rotat\$3)  | US-PGPUB;<br>USPAT   | WITH | ON | 2007/01/18 12:23 |
| L115 | 3    | "320"/\$.ccls. and (battery pack) and (secondary battery) and (mount\$3 part) and (slide and rotat\$3) | US-PGPUB;<br>USPAT   | WITH | ON | 2007/01/18 12:23 |
| L134 | 765  | ("429"/(96-100))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2007/01/18 12:23 |